

NODE=B192

 $\Xi_c(2923)$ $I(J^P) = ?(?)$ Status: **

OMITTED FROM SUMMARY TABLE

 $\Xi_c(2923)$ MASSES **$\Xi_c(2923)^+$ MASS** **$\Xi_c(2923)^0$ MASS**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
2923.04±0.25±0.24	5.4k	1 AAIJ	20X LHCb	$p p$ at 13 TeV

¹ AAIJ 20X reports $2923.04 \pm 0.25 \pm 0.20 \pm 0.14$ MeV where the last uncertainty is due to the Λ_c^+ mass.

NODE=B192205

NODE=B192M+

NODE=B192M+

NODE=B192M0

NODE=B192M0

NODE=B192M0;LINKAGE=A

 $\Xi_c(2923)^+ - \Xi_c(2923)^0$ MASS DIFFERENCE **$\Xi_c(2923)$ WIDTHS** **$\Xi_c(2923)^+$ WIDTH** **$\Xi_c(2923)^0$ WIDTH**

VALUE (MeV)	EVTS	DOCUMENT ID	TECN	COMMENT
7.1±0.8±1.8	5.4k	AAIJ	20X LHCb	$p p$ at 13 TeV

NODE=B192DM

NODE=B192DM

NODE=B192210

NODE=B192W+

NODE=B192W+

NODE=B192W0

NODE=B192W0

NODE=B192215;NODE=B192

 $\Xi_c(2923)$ DECAY MODES

Mode	Fraction (Γ_i/Γ)
$\Gamma_1 \Lambda_c^+ K^-$	seen
$\Gamma_2 \Lambda_c^+ K_S^0$	

DESIG=1

DESIG=2

 $\Xi_c(2923)$ BRANCHING RATIOS

$\Gamma(\Lambda_c^+ K^-)/\Gamma_{\text{total}}$	Γ_1/Γ			
VALUE	EVTS	DOCUMENT ID	TECN	COMMENT
seen	5.4k	AAIJ	20X LHCb	$p p$ at 13 TeV

NODE=B192225

NODE=B192R01

NODE=B192R01

$\Gamma(\Lambda_c^+ K_S^0)/\Gamma_{\text{total}}$	Γ_2/Γ
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NODE=B192R02

NODE=B192R02

$\Xi_c(2923)$ REFERENCES				
AAIJ	20X	PRL 124 222001	R. Aaij <i>et al.</i>	(LHCb Collab.)

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REFID=60564